

Preface

The 8th Conference on Calorimetry and Thermal Analysis (CCTA 8) was held as part of a series of meetings of the Polish Society of Calorimetry and Thermal Analysis, traditionally in Zakopane, Poland, this time from September 3 to 8, 2000. Zakopane, a beautiful town in the heart of the Polish Tatra mountains, was the inspiring surroundings for scientific discussions, exchange of ideas and making new friendships among 150 participants from Poland and 40 participants from 8 other countries. CCTA 8 was accompanied by the International Symposium on Thermodynamics and Structure of Liquids. The organizers of CCTA 8 were the Faculty of Materials Science and Ceramics of the University of Mining and Metallurgy (Cracow), the Institute of Physical Chemistry of the Polish Academy of Sciences (Warsaw) and the Department of Physical Chemistry of the University of Łódź. 12 plenary lectures, 30 oral communications and 120 posters were presented during the conference in the following sessions.

- Inorganic Materials and Chemistry
- Organic Materials, Pharmaceuticals and Polymers
- Kinetics and Reactivity of Solids
- Theory and Instrumentation
- Symposium on Thermodynamics and Structure of Liquids

The scientific results presented proved that both techniques, calorimetry and thermal analysis are used in various fields of scientific research. Such applications like geosciences, coordination chemistry, food processing and biotechnology revealed new possibilities for these techniques. The conference held in 2000 was an opportunity for some resume of past accomplishments and for pointing out new aims, especially for Polish science. Instantly developing instrumentation and new methodology will be essential to accomplish these tasks.

The present issue brings a selection of papers submitted at the 8th Conference on Calorimetry and Thermal Analysis. All papers were reviewed according to the requirements of the *Journal of Thermal Analysis and Calorimetry*.

The Guest Editor is grateful to the referees for their valuable work, the staff of the *Journal* for technical assistance in the preparation of this Issue.

Respectfully submitted,



Andrzej Małecki

University of Mining and Metallurgy
Faculty of Materials Science and Ceramics
Cracow, Poland